

## AMENDMENTS TO THE CLAIMS

### Claims 1-45 (Cancelled)

46. **(Previously presented)** A network control system comprising:

a device;

a first unit having included therein a controller operable to control said device, said controller comprising a user interface including a display; and

a second unit, connected to said first unit through a transmission path, having said device included therein,

wherein at least one of said first unit and said second unit is operable to handle at least one of video data, audio data, and information data,

wherein said device has screen display data for displaying an operating screen of said device and identification information for identifying the screen display data,

wherein said device is operable to transmit the screen display data and the identification information to said controller through the transmission path,

wherein, when a state of said device is changed, said device transmits updated screen display data to said controller, and

wherein said controller is operable to receive the screen display data and the identification information from said device through the transmission path, to receive the updated screen display data when a state of said device is changed, to instruct said display to display the operating screen using the screen display data, and to update the operating screen upon receiving updated screen display data from said device.

47. **(Previously presented)** A network control system according to claim 46, wherein said controller is further operable to instruct said display to display the operating screen further using the identification information.

48. **(Previously presented)** A network control system according to claim 47, wherein in response to an operation by a user to the operating screen, said controller controls said device by transmitting operation information indicative of the operation and the identification information to said device through the transmission path.

49. **(Previously presented)** The network control system according to claim 47, wherein the identification information includes version information indicating a version of the screen display data.

50. **(Previously presented)** The network control system according to claim 47, wherein the operation information includes operating position information indicative of an operating position on the operating screen.

51. **(Previously presented)** The network control system according to claim 46, wherein the identification information includes version information indicating a version of the screen display data.

52. **(Previously presented)** The network control system according to claim 46, wherein the operation information includes operating position information indicative of an operating position on the operating screen.

53. **(Previously presented)** A network control system according to claim 46, wherein said device further has overlap display data for overlap display on the operating screen, and wherein said controller is further operable to instruct said display to display the overlap on the operating screen by using the overlap display data.

54. **(Previously presented)** The network control system according to claim 53, wherein the overlap display data is cursor information for displaying a cursor indicative of a position of operation by the user to the operating screen.

55. **(Previously presented)** The network control system according to claim 54, wherein the cursor information includes position information indicative of a position of the cursor on the operating screen.

56. **(Previously presented)** The network control system according to claim 54, wherein the cursor information includes shape information indicative of a shape of the cursor.

57. **(Previously presented)** The network control system according to claim 54, wherein the cursor information includes size information indicative of a size of the cursor.

58. **(Previously presented)** The network control system according to claim 54, wherein the cursor information includes color information indicative of a color of the cursor.

59. **(Previously presented)** The network control system according to claim 54, wherein the cursor information includes enable information indicating an operation that the user is allowed to perform.

60. **(Previously presented)** The network control system according to claim 53, wherein when a display part corresponding to the overlap display data of said device is changed, said device transmits the overlap display data to said controller and said controller receives the overlap display data from said device through the transmission path and, based on the received overlap display data, updates the operating screen displayed on said display.

61. **(Previously presented)** A network control system according to claim 53, wherein in response to an operation by a user to the operating screen, said controller controls said device by transmitting operation information indicative of the operation and the identification information to said device through the transmission path.

62. **(Previously presented)** A network control system according to claim 46 wherein, in response to an operation by a user to the operating screen, said controller controls said device by transmitting operation information indicative of the operation and the identification information to said device through the transmission path.

63. **(Currently amended)** A network control system comprising:  
a device;  
a first unit, having included therein, a controller for ~~controller~~ controlling said device, said controller comprising a user interface including a display; and  
a second unit, connected to said first unit through a transmission path, having said device included therein,  
wherein at least one of said first unit and said second unit is operable to handle at least one of video data, audio data, and information data,  
wherein said device has screen display data composed of a plurality of partial screen display data for displaying an operating screen of said device,  
wherein said device is operable to transmit the partial screen display data to said controller, through the transmission path,  
wherein, when a state of said device is changed, said device transmits to said controller through the transmission path, updated partial screen display data corresponding to partial screen display data in which the change of state of said device is to be reflected, and  
wherein said controller is operable to receive the partial screen display data from said device through the transmission path when a state of said device is changed, to receive the updated partial screen display data, to display the operating screen on said display using the partial screen display

data, and to update the partial screen display data, in which the change of state of said device is to be reflected, with the updated partial screen display data.

64. **(Currently amended)** The network control system according to claim 63, wherein when the screen display data of said device is changed, said device transmits changed partial screen display data of the screen display data to said controller and said controller receives the changed partial screen display data from said device through the transmission path and, based on the received partial screen display data, updates the operating screen displayed on said display.  
~~screen display data to said controller and said controller receives the changed partial screen display data from said device through the transmission path and, based on the received partial screen display data, updates the operating screen displayed on said display.~~

65. **(Previously presented)** The network control system according to claim 63, wherein said device has partial screen identification information for identifying the partial screen display data and is operable to transmit the partial screen display data and the partial screen identification information to said controller through the transmission path, and

wherein said controller is operable to receive the partial screen display data and the partial screen identification information from said device through the transmission path.

66. **(Previously presented)** The network control system according to claim 65, wherein when the screen display data of said device is changed, said device transmits changed partial screen display data of the screen display data and the partial screen identification information of the partial screen display data to said controller and said controller receives the changed partial screen display data and the partial screen identification information of the partial screen display data from said device through the transmission path and, based on the received partial screen display data and partial screen identification information, updates the operating screen displayed on said display.

67. **(Previously presented)** The network control system according to claim 65, wherein in response to an operation by a user to the operating screen, said controller controls said device by transmitting operation information indicative of the operation and the partial screen identification information corresponding to the operation to said device through the transmission path.

68. **(Previously presented)** The network control system according to claim 67, wherein the partial screen identification information includes version information indicating a version of the partial screen display data.

69. **(Previously presented)** The network control system according to claim 67, wherein one display element in the screen display is arranged in any one of a plurality of display parts corresponding to the plurality of partial screen display data.

70. **(Previously presented)** The network control system according to claim 67, wherein a display element corresponding to each operation by the user is arranged in any one of a plurality of display parts corresponding to the plurality of partial screen display data.

71. **(Previously presented)** The network control system according to claim 65, wherein the partial screen identification information includes version information indicating a version of the partial screen display data.

72. **(Previously presented)** The network control system according to claim 65, wherein one display element in the screen display is arranged in any one of a plurality of display parts corresponding to the plurality of partial screen display data.

73. **(Previously presented)** The network control system according to claim 65, wherein a display element corresponding to each operation by the user is arranged in any one of a plurality of display parts corresponding to the plurality of partial screen display data.

74. **(Previously presented)** An apparatus operable to be connected via a transmission path to a unit including a controller, said apparatus comprising:

a device operable to be controlled by the controller via the transmission path,

wherein at least one of the unit and said apparatus is operable to handle at least one of video data, audio data, and information data,

wherein said device has screen display data for displaying an operating screen of said device and identification information for identifying the screen display data, and

wherein said device is operable to transmit the screen display data and the identification information to the controller through the transmission path, to transmit updated display data to the controller when a state of said device changes, to receive the identification information of the screen display data and operation information indicative of an operation by a user, and to operate based on the received identification information and operation information.

75. **(Previously presented)** The apparatus according to claim 74, wherein the operation information includes operating position information indicative of a position of operation on the operating screen.

76. **(Previously presented)** The apparatus according to claim 74, wherein said device further has overlap display data for overlap display on the operating screen, and is further operable to transmit the overlap display data to the controller through the transmission path.

77. **(Previously presented)** A first unit operable to be connected via a transmission path to a second unit having a device included therein, said first unit comprising:

a controller operable to control the device, said controller comprising a user interface including a display; and

wherein said controller is operable to control the device through the transmission path,

wherein at least one of said first unit and the second unit is operable to handle at least one of video data, audio data, and information data, and

wherein said controller is further operable to receive screen display data indicative of an operating screen of the device and identification information for identifying the screen display data from the device through the transmission path, to receive updated screen display data from the device when a state of the device changes, to instruct said display to display the operating screen using the screen display data, to instruct said display to update the operating screen on said display when updated display data is received, and, in response to an operation by a user to the operating screen, to control the device by transmitting operation information indicative of the operation and the identification information to the device through the transmission path.

**78. (Previously presented)** The first unit according to claim 77, wherein the operation information includes operating position information indicative of a position of operation on the operating screen.

**79. (Previously presented)** The first unit according to claim 77, wherein said controller is further operable to receive overlap display data for overlap display on the operating screen through the transmission path, and to instruct said display to perform overlap display on the operating screen displayed on said display using the overlap display data.

**80. (Previously presented)** An apparatus operable to be connected via a transmission path to a unit including a controller, said apparatus comprising:

a device operable to be controlled by the controller via the transmission path,

wherein at least one of the unit and said apparatus is operable to handle at least one of video data, audio data, and information data, and

wherein said device has screen display data comprising a plurality of partial screen display data for displaying an operating screen of said device, is operable to transmit the partial screen display data to the controller through the transmission path when a state of said device changes, is



operable to transmit to the controller, through the transmission path, updated partial screen display data corresponding to partial screen display data in which the change of state of said device is to be reflected, is operable to receive operation information indicative of an operation by a user, and is operable to operate based on the received operation information.

**81. (Previously presented)** The apparatus according to claim 80, wherein when the screen display data of said device is changed, said device transmits changed partial screen display data of the screen display data to the controller.

**82. (Previously presented)** A first unit operable to be connected via a transmission path to a second unit having a device, said first unit comprising:

a controller operable to control the device, said controller comprising a user interface including a display,

wherein at least one of said first unit and the second unit is operable to handle at least one of video data, audio data, and information data, and

wherein said controller is operable to receive a plurality of partial screen display data indicative of an operating screen of the device through the transmission path from the device, is operable to receive updated partial screen display data corresponding to partial screen display data in which a change of state of the device is to be reflected, to display the operating screen on said display using the partial screen display data, to update the operating screen on said display using the updated partial screen display data, and in response to an operation by a user to the operating screen, to control the device by transmitting operation information indicative of the operation through the transmission path to the device.

**83. (Previously presented)** The first unit according to claim 82, wherein when the screen display data of the device is changed, said controller receives changed partial screen display data of the screen display data from the device through the transmission path and, based on the received partial screen display data, updates the operating screen displayed on said display.

**84. (Previously presented)** A method of controlling a device in a network control system in which a first unit and a second unit are connected to each other through a transmission path, at least one of the first unit and the second unit are operable to handle at least one of video data, audio data, and information data, and in which a controller, included in the first unit, controls a device included in the second unit through the transmission path, said control method comprising:

transmitting screen display data for displaying an operating screen of the device and identification information for identifying the screen display data from the device through the transmission path to the controller;

transmitting, when a state of the device changes, updated screen display data for updating an operation screen of the device from the device through the transmission path to the controller;

displaying the operating screen on the controller using the screen display data transmitted from the device; and

updating the operating screen on the controller when the controller receives the updated screen display data.

**85. (Previously presented)** A method according to claim 84, wherein said displaying comprises displaying the operating screen on the controller further using the identification information transmitted from the device.

**86. (Previously presented)** A method according to claim 85, further comprising controlling, in response to an operation by a user to the operating screen, the device by transmitting operation information indicative of the operation and the identification information from the controller through the transmission path to the device.

**87. (Previously presented)** A method according to claim 84, wherein said transmitting comprises transmitting overlap data for overlap display on the operating screen from the device through the transmission path to the controller, and

wherein said displaying comprises performing overlap display on the displayed operating screen based on the overlap display data by using the screen display data and the overlap display data transmitted from the device.

**88. (Previously presented)** A method according to claim 87, further comprising controlling, in response to an operation by a user to the operating screen, the device by transmitting operation information indicative of the operation and the identification information from the controller through the transmission path to the device.

**89. (Previously presented)** A method according to claim 84, further comprising controlling, in response to an operation by a user to the operating screen, the device by transmitting operation information indicative of the operation and the identification information from the controller through the transmission path to the device.

**90. (Previously presented)** A method of controlling a device in a network control system in which a first unit and a second unit are connected to each other through a transmission path, at least one of the first unit and the second unit are operable to handle at least one of video data, audio data, and information data, and in which a controller, included in the first unit, controls a device included in the second unit through the transmission path, said control method comprising:

transmitting at least one of plurality of partial screen display data composing screen display data for displaying an operating screen of the device from the device through the transmission path to the controller;

when a state of the device is changed, transmitting updated partial screen display data corresponding to partial screen display data in which the change of state of the device is to be reflected;

displaying the operating screen on the controller using the partial screen display data transmitted from the device; and

updating the operating screen on the controller using the updated partial screen display data.